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ABSTRACT

2 According to one broad aspect of one embodiment of the present invention,
3 disclosed herein is a hand held oral irrigation device having a tip for dispensing
4 fluids. In one example, an oral irrigation device includes a body portion, and a
5 reservoir for storing fluids, wherein the body and/or the reservoir define a first
6 major diameter at a lower end of the oral irrigation device, and define a second
7 major diameter at an upper end of the oral irrigation device, the first major
8 diameter being larger than the second major diameter. In this example, by
9 providing such a geometry for the device, a user can grasp the device with one
10 hand about the second major diameter during use. In another example, the body
11 includes a pump for pumping fluids from the reservoir to the tip, wherein the
12 pump includes an inlet valve and an outlet valve, the inlet valve including a reed
13 valve made of flexible fabric material. The outlet valve may also include a reed
14 valve made of flexible fabric material.

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4811-4514-3808\3